

**ABSTRACT**

An embodiment of an ultrasound medical treatment system includes an ultrasound medical-treatment transducer and a controller. The controller controls the medical-treatment transducer to emit ultrasound to thermally ablate patient tissue. The control includes a control parameter. The controller changes the control parameter based on receiving an indication of an occurrence in the patient tissue of a transient, ultrasound-caused, ultrasound-attenuating effect. A method for medically treating patient tissue with ultrasound includes controlling the medical-treatment transducer with the control parameter set to a first setting, receiving an indication of the occurrence of the ultrasound-attenuating effect, changing the control parameter to a second setting based on receiving the indication, and controlling the medical-treatment transducer with the control parameter set to the second setting.